WHAT IS CLAIMED IS:

- 1. A blend comprising:
- about 20 wt% to about 60 wt% of an impact copolymer;
- about 300 to about 4000 ppm by weight of a clarifying agent;
- 4 and
- 5 a random copolymer comprising a balance of said blend.
- 2. The blend as recited in Claim 1 wherein said blend, when
- 2 formed into a resin and extruded into a about 22 mil thick sheet,
- 3 has a Haze of less than about 77% and a Energy to Maximum Load /
- 4 Energy After Maximum Load ratio of at least about 1.6 at about -
- 5 29°C.
- 3. The blend as recited in Claim 1 wherein said blend, when
- 2 formed into a resin and extruded into a about 22 mil thick sheet,
- 3 has a Haze of less than about 64% and a Energy to Maximum Load /
- 4 Energy After Maximum Load ratio of at least about 4 at about -29°C.

- 4. The blend as recited in Claim 1 wherein said blend comprises about 30 wt% to about 50 wt% of said impact copolymer, about 1700 and 2300 ppm by weight of said clarifying agent, and balance said random copolymer.
- 5. The blend as recited in Claim 1 wherein said blend comprises about 30 wt% of said impact copolymer, about 300 to about 4000 ppm by weight of said clarifying agent, and balance of said random copolymer.
 - 6. The blend as recited in Claim 1 wherein said impact copolymer is nucleator free, has a melt flow between about 0.1 g/10 min and about 5 g/min and has a crystalline composition comprising a homopolymer, or copolymer containing less than about 5 wt% of a comonomer, and an amorphous rubber composition comprising about 7 to about 22 weight% of said impact copolymer, said amorphous rubber having an ethylene:propylene component ratio between about 30:70 to about 50:50 by weight.

- 7. The blend as recited in Claim 1 wherein said random copolymer has a melt flow between about 0.1 g/10 min and about 10 g/min and comprises a propylene copolymer containing ethylene groups randomly inserted between propylene groups, said ethylene groups comprising from about 0.2 wt% to about 4 wt% of said random copolymer.
- 8. The blend as recited in Claim 1 wherein said clarifying
 agent is a dibenzylidene sorbitol containing a substitutant having
 Carbons or less selected from the group consisting of:
- 4 alkyl;
- 5 alkoxy; and
- 6 halogen.
- 9. The blend as recited in Claim 1 wherein said random copolymer is a metallocene catalyzed ethylene propylene copolymer.
- 10. The blend as recited in Claim 9 wherein said metallocene catalyzed ethylene propylene copolymer and ethylene comprises from about 0.15% to about 4.0% weight percent of said metallocene catalyzed ethylene propylene copolymer.

11. The blend as recited in Claim 1 wherein said impact

2 copolymer is a metallocene catalyzed impact copolymer.

- 12. A process for forming a resin comprising:
- providing a blend comprising:
- about 20 wt% to about 60 wt% of an impact copolymer;
- 4 about 300 to about 4000 ppm by weight of a clarifying
- 5 agent; and
- an ethylene-propylene random copolymer comprising a
- 7 balance of said blend.
- 13. The process as recited in Claim 12, further including
- 2 melting, mixing said blend to form a resin and pumping said blend
- 3 to form a sheet or parison comprising said resin.
- 14. The process as recited in Claim 12 wherein said blend
- 2 comprises said impact copolymer and a clarified random copolymer
- 3 comprising said random copolymer containing said clarifying agent.
- 15. The process as recited in Claim 14 wherein said mixing
- 2 further includes adding said clarifying agent sufficient to provide
- 3 a concentration of between about 1700 and 2300 ppm by weight.

- 16. The process as recited in Claim 13 wherein said melting comprises heating said blend to a temperature of between 176°C and about 238°C.
- 17. The process as recited in Claim 13 wherein said forming said sheet comprises heating said resin to a temperature of between about 176°C and about 238°C and extruding said resin.
- 18. The process as recited in Claim 12 wherein providing a blend includes providing a blend wherein said random copolymer is a metallocene catalyzed ethylene propylene copolymer.
- 19. The process as recited in Claim 18 wherein ethylene
 comprises from about 0.15% to about 4.0% weight percent of said
 metallocene catalyzed ethylene propylene copolymer.
- 20. The process as recited in Claim 12 wherein providing a blend includes providing a blend wherein said impact copolymer is a metallocene catalyzed impact copolymer.

- 21. A method for preparing an article of manufacture comprising: 2 3 preparing a resin comprising a blend of: about 20 wt% to about 60 wt% of an impact copolymer; 4 about 300 to about 4000 ppm by weight of a clarifying 5 6 agent; and a random copolymer comprising a balance of said blend; 7 and 8 9 forming an article comprising said resin. 22. The method as recited in Claim 21 wherein said forming 2 comprising a fabrication process selected from the group consisting 3 of: injection molding; 4 blow molding; and 5 6 extrusion. The method as recited in Claim 21 wherein said article
- 23. The method as recited in Claim 21 wherein said article formed is a lid or a container used in low temperature packaging applications.

- 24. The method as recited in Claim 21 wherein preparing a resin includes preparing a resin wherein said random copolymer is
- 3 a metallocene catalyzed ethylene propylene copolymer.
- 25. The method as recited in Claim 24 wherein ethylene comprises from about 0.15% to about 4.0% weight percent of said metallocene catalyzed ethylene propylene copolymer.
- 26. The method as recited in Claim 21 wherein preparing a resin includes preparing a resin wherein said impact copolymer is a metallocene catalyzed impact copolymer.

- 27. An article of manufacture comprising:
- 2 a resin comprising a blend of:
- about 20 wt% to about 60 wt% of an impact copolymer;
- 4 about 300 to about 4000 ppm by weight of a clarifying
- 5 agent; and
- a random copolymer comprising a balance of said blend.
- 28. The article as recited in Claim 27 wherein said article has a Notched Izod of at least about 64 J/m at 23°C.
- 29. The article as recited in Claim 27 wherein said article has a Notched Izod of at least about 138 J/m at 23°C.
- 30. The article as recited in Claim 27 wherein said article
 has a Gardner Mean Failure Energy of at least about 7.9 J at 23°C.